



Weekly Update

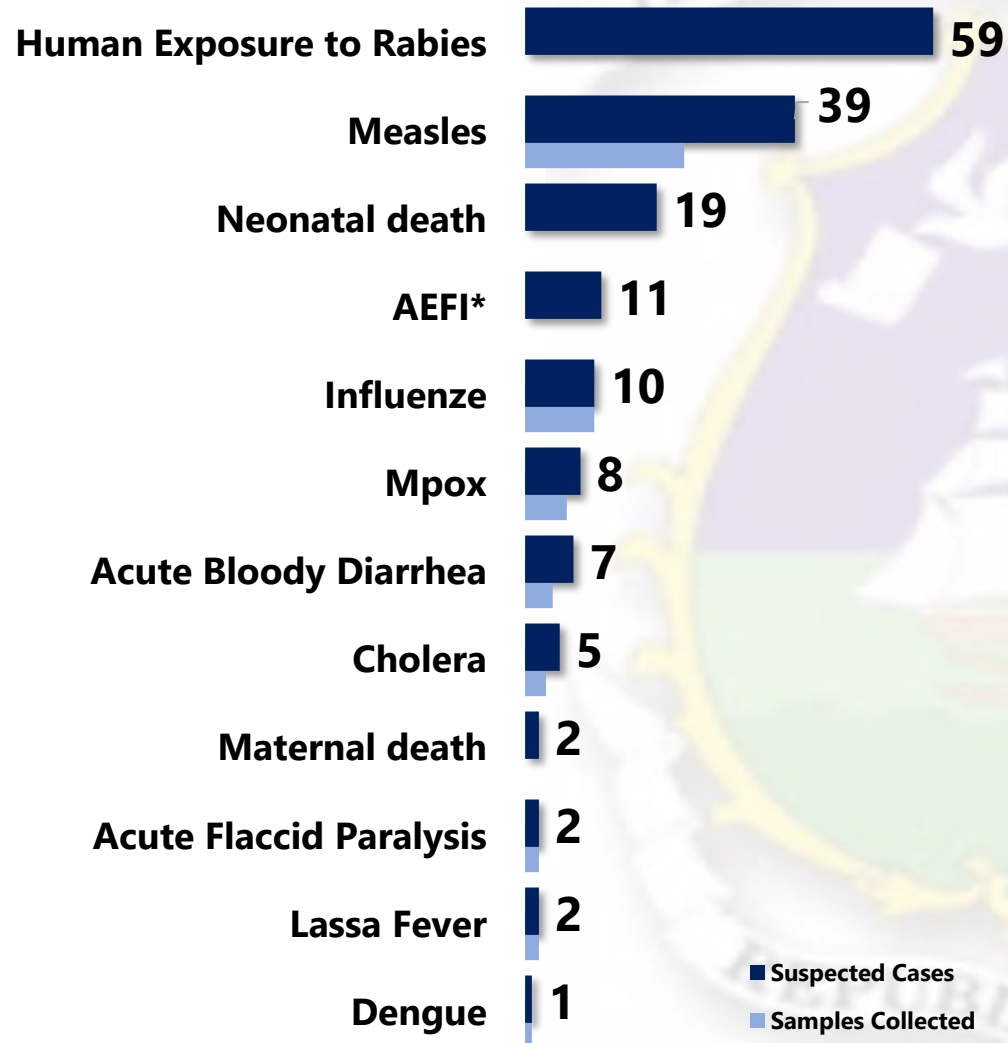
Liberia Public Health Surveillance & Response System

Reporting Week: 3

Reporting Period: January 13 – 19, 2025

Data Source: 15 County Surveillance Officers and National Reference Lab

Public Health Events reported during the week



* Adverse Events Following Immunization (AEFI)

Highlights of Key Public Health Events

- ◆ **A total of 165** events of public health importance, including **21** deaths reported
- ◆ **Completeness and timeliness** of health facility reports were **99% and 99%**, respectively
- ◆ **Ongoing Lassa fever** outbreak in one county
- ◆ **Ongoing Measles** outbreak in one county
- ◆ **Ongoing Mpox** outbreak in fourteen counties



EVENTS OF PUBLIC HEALTH IMPORTANCE



Health Facility IDSR Reporting Coverage, Liberia, Epi-week 3, 2025

County	Expected Reports			Completeness (%)	Timeliness (%)
	From Health Facility	Reports Received	Received on Time		
Bomi	29	29	29	100	100
Bong	64	64	64	100	100
Gbarpolu	18	18	18	100	100
Grand Bassa	38	38	38	100	100
Grand Cape Mount	36	36	36	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	25	25	25	100	100
Lofa	61	61	61	100	100
Margibi	64	63	63	99	100
Maryland	28	28	28	100	100
Montserrado	371	371	367	100	99
Nimba	102	102	102	100	100
Rivercess	21	21	21	100	100
River Gee	21	21	21	100	100
Sinoe	41	41	41	100	100
Liberia	943	942	938	99	99

Legend:

≥80

<80

Expected HF's timeliness and completeness are calculated at the level of the reporting district



VACCINE PREVENTABLE DISEASES

MEASLES...1/7

- **Thirty-nine (39) suspected cases reported**

- Nimba (18), Bong (8), Montserrado (4), Grand Cape Mount (2), Grand Bassa (1), Grand Gedeh (1), Rivercess (1), Gbarpolu (1), River Gee (1), Sinoe (1), and Lofa (1) Counties

- **Twenty-three (23) specimens collected and pending testing**

- **Cumulatively, 77 suspected cases have been reported since Epi-week 1.**

Vaccination status of Measles Cases by Reporting County, Liberia, Epi week 3, 2025

County	Reported cases	Vaccinated	Number of Doses Received		
			One Dose	Two Doses	Doses Not Indicated
Nimba	18	13	8	4	1
Bong	8	0	0	0	0
Montserrado	4	2	0	2	0
Grand Cape Mount	2	1	1	0	0
Grand Bassa	1	0	0	0	0
Grand Gedeh	1	0	0	0	0
Rivercess	1	0	0	0	0
Gbarpolu	1	1	1	0	0
River Gee	1	1	1	0	0
Sinoe	1	0	0	0	0
Lofa	1	1	0	0	1
Total	39	19	11	6	2

MEASLES...7/7

Public Health Actions

Coordination

- IMS meetings are being held for the coordination and mobilization of resources in Nimba County

Surveillance

- *Active case search ongoing in affected communities*

Case Management and IPC

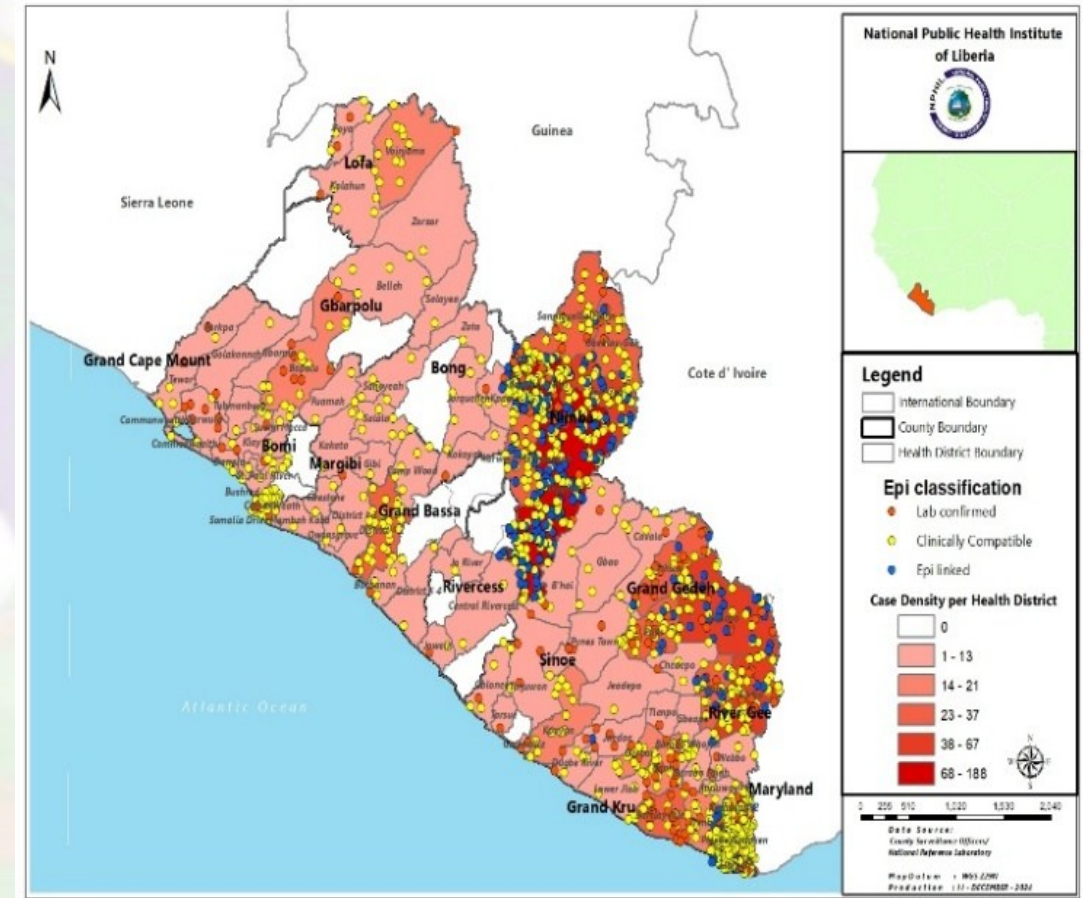
- Case management is ongoing Sanniquellie –Mah District , Nimba County

Immunization

- Routine immunization is ongoing across the country

Risk Communication and Community Engagement

- Awareness and health education on the prevention and control of measles ongoing



Measles outbreak by County and Case Status, Liberia, December 13, 2021 – January 19, 2025

ACUTE FLACCID PARALYSIS (AFP)

- **Two (2) cases** were reported
 - Montserrado
 - Lofa
- **Specimens** were collected and shipped
- **Cumulatively, 2** cases reported and pending testing
- Stool adequacy rate is **100%** as of week 3, 2025

** circulating Vaccine-Derived Poliovirus type 2*

INFLUENZA

- **Ten (10) suspected cases** reported from Montserrado (8), and Grand Bassa (2) Counties
- **Eight specimens** tested negative, and 2 rejected
- **Cumulatively, 20 suspected cases** reported since Epi-week 1
 - **Twenty (20)** specimens were collected, 18 tested negative, and two rejected

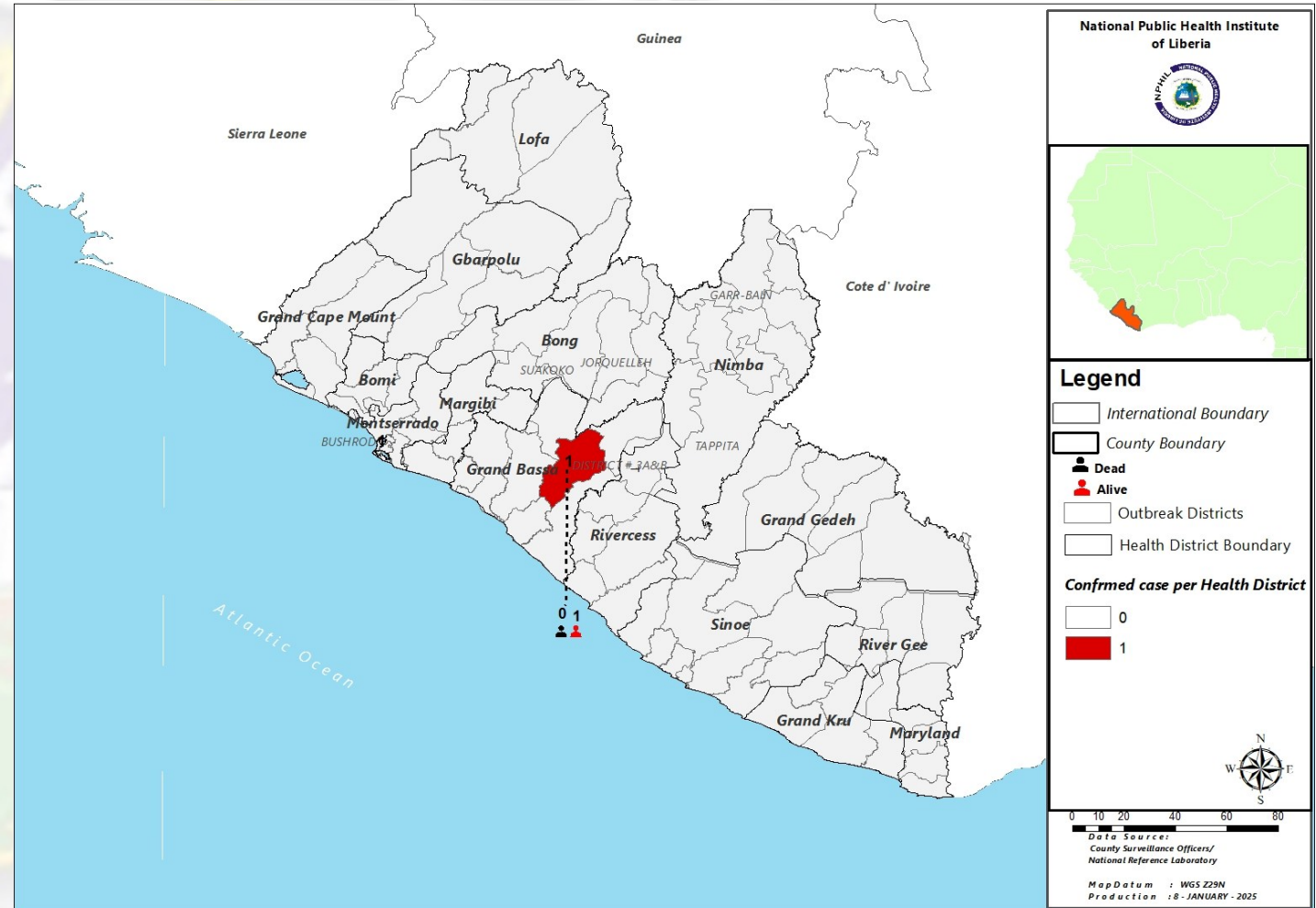


VIRAL HEMORRHAGIC FEVER



LASSA FEVER...1/6

- **Two (2) suspected cases reported**
 - Maryland (1) and Bong (1) Counties
- **Specimens were collected, 1 tested negative, and 1 pending testing**
- **Cumulatively, 8 suspected cases have been reported**
 - Proportion of suspected cases with sample collected (8/8) 100%
 - Proportion of suspected cases with sample tested (6/8) 75%



Geospatial distribution of confirmed Lassa fever cases by Health District, Liberia, Epi-week 3, 2025

LASSA FEVER...4/6

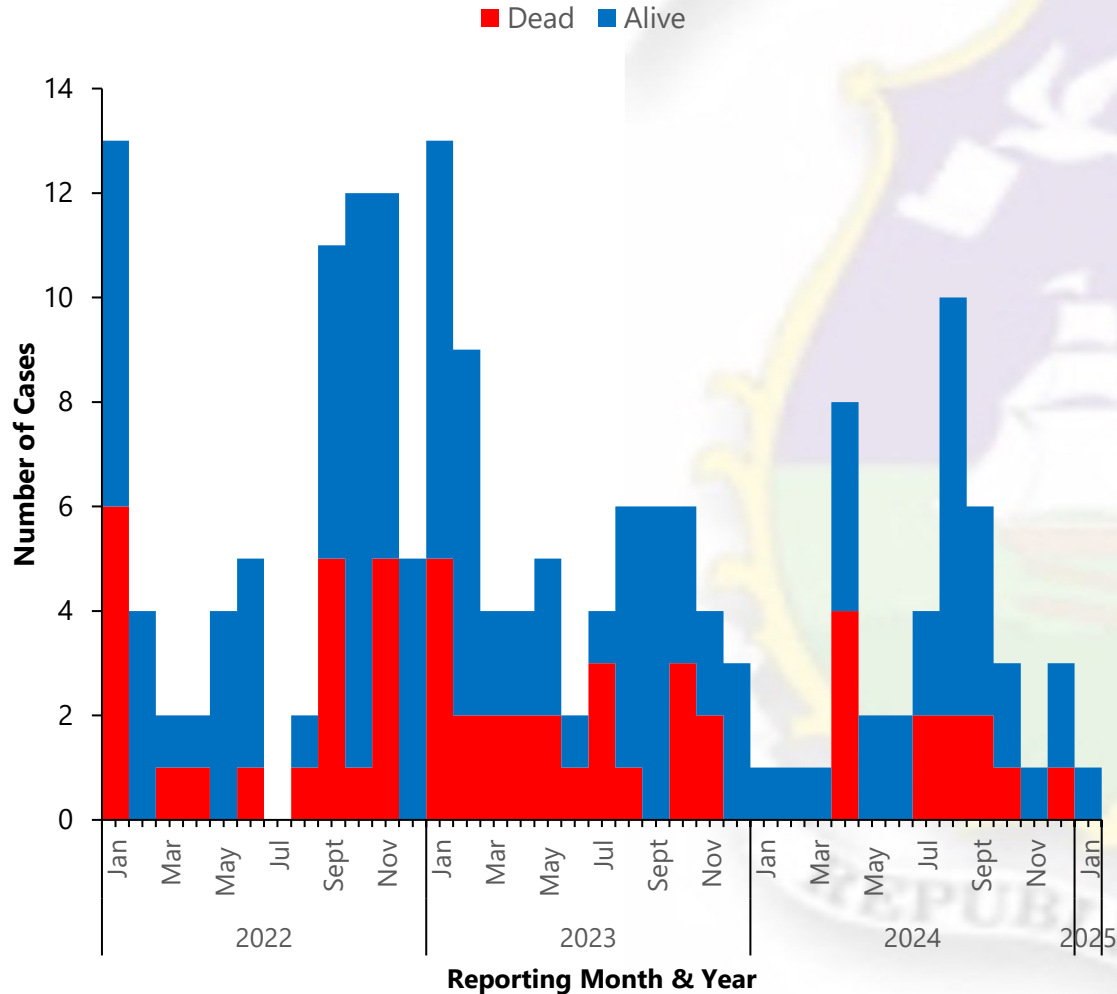
Summary of Lassa fever Outbreak, Liberia, January 6, 2022- Jan 19, 2025

Outbreak Section

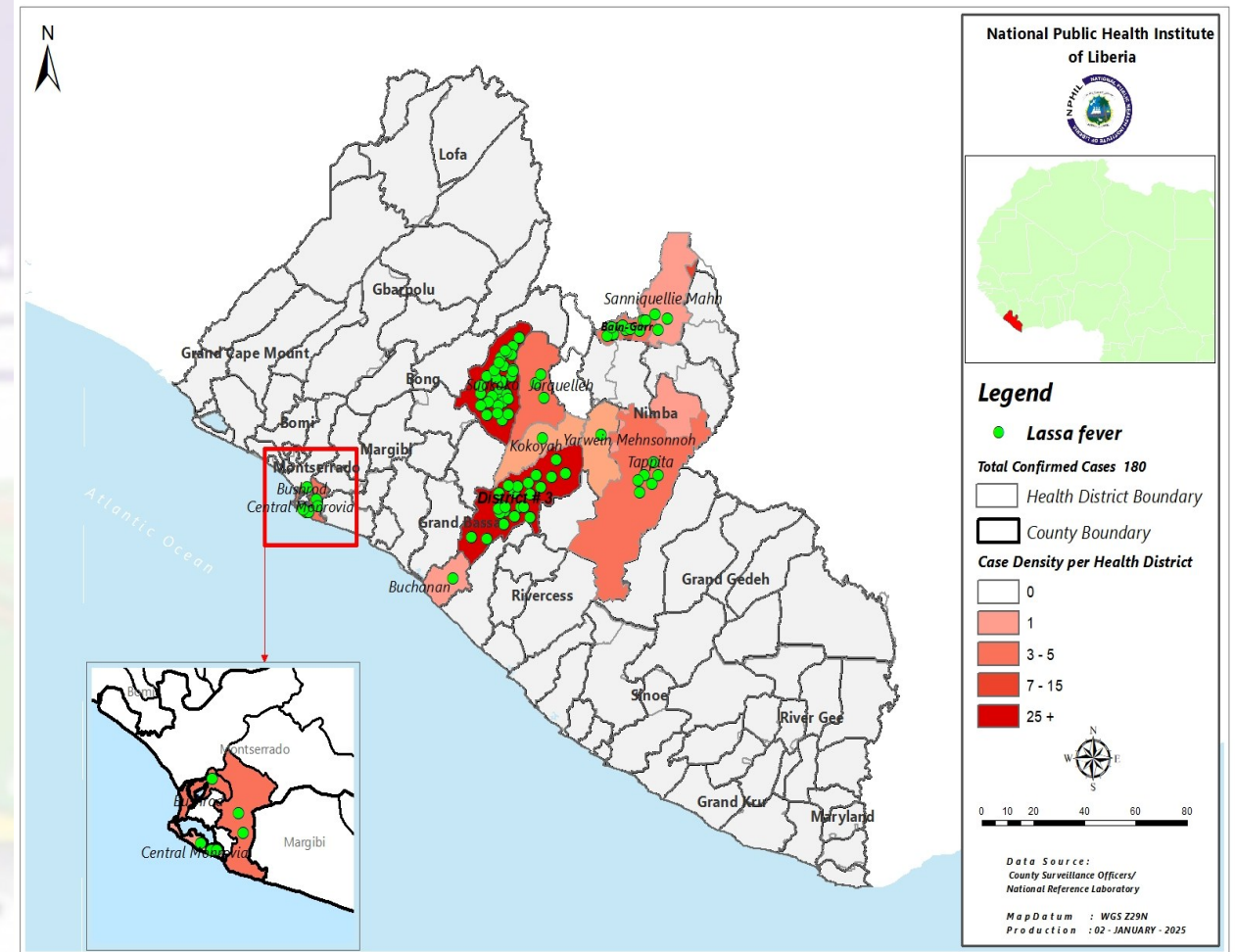
County	Outbreak Districts	Outbreak Start Date	Total suspected	Total confirmed	HCWs confirmed	Total Deaths	Deaths in HCWs	CFR %	Total Contacts	# HCW contacts	Contacts_became cases	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Montserrado	Bushrod	13-Feb-23	17	1	0	0	0	0%	29	21	0	0	29	Completed	Ended
	Central Monrovia	27-Nov-23	1	2	0	1	0	50%	49	0	0	0	49	Completed	Ended
	Central Monrovia	3-Mar-23	38	2	0	1	0	50%	28	27	0	0	28	Completed	Ended
	Bushrod	30-Apr-24	2	1	0	0	0	0%	14	6	0	0	14	Completed	Ended
Bong	Suakoko	21-Apr-23	192	54	18	13	2	24%	496	114	6	0	417	Completed	Ended
	Jorquelleh	15-Oct-23	14	6	3	1	1	17%	121	86	3	0	169	Completed	Ended
	Kokoyah	6-Jun-24	3	1	0	0	0	0%	8	0	0	0	8	Completed	Ended
	Suakoko	29-Jul-24	11	5	1	0	0	0%	37	14	0	0	37	Completed	Ended
	Suakoko	23-Feb-24	31	3	0	0	0	0%	29	14	0	0	29	Completed	Ended
	Salala	8-Mar-24	2	2	0	1	0	50%	21	0	0	0	21	Completed	Ended
	Jorquelleh	11-Apr-24	3	2	0	1	0	0%	41	30	0	0	41	Completed	Ended
	Suakoko	19-Nov-24	3	2	0	1	0	50%	8	5	0	0	8	Active	Ongoing
Grand Bassa	District 3A&B	21-Aug-23	87	44	0	10	0	23%	177	40	40	0	159	Completed	Ended
	Buchanan	11-Aug-23	2	1	0	1	0	100%	4	2	0	0	4	Completed	Ended
	District 3A&B	30-Apr-24	7	3	0	1	0	33%	12	3	0	0	12	Completed	Ended
	District 3A&B	3-Sep-24	7	6	0	1	0	17%	27	10	0	0	27	Completed	Ended
	District 3A&B	20-Dec-24	2	2	0	0	0	0%	8	3	0	0	4	0	Countdown
Nimba	Saclepea-Mah	21-Nov-23	4	2	0	1	0	50%	5	0	0	0	5	Completed	Ended
	Sanniquellie-Mah	6-Feb-23	43	15	0	9	0	60%	43	35	8	0	43	Completed	Ended
	Tappita	29-Jul-24	5	2	0	1	0	50%	27	24	0	0	27	Completed	Ended
	Tappita	20-Nov-23	12	5	0	3	0	60%	88	39	4	0	77	Completed	Ended
	Bain-Garr	1-Jun-23	25	6	0	3	0	50%	61	25	0	0	31	Completed	Ended
	Bain-Garr	15-Apr-24	5	2	0	1	0	50%	25	7	0	0	25	Completed	Ended
	Bain-Garr	18-Jul-24	20	10	0	5	0	50%	173	98	1	0	173	Completed	Ended
River Gee	Putupo	25-Nov-22	2	1	0	1	0	100%	14	0	0	0	14	Completed	Ended
Total			538	180	22	56	3	31%	1545	603	62	0	1451		

LASSA FEVER...5/6

Epi-curve of Confirmed Lassa Fever Cases by Outcome, Liberia, Jan 6, 2022 – Jan 19, 2025



Geospatial distribution of outbreak district with number of confirmed Lassa fever cases, Liberia, Jan 6, 2022 – Jan 19, 2025



LASSA FEVER...6/6

Public Health Actions

Coordination

- The National Public Health Institute of Liberia (NPHIL) and the Ministry of Health (MoH) are providing technical support to the affected counties with support from partners

Surveillance

- **Active case search ongoing in affected communities**
- Four (4) contacts undergoing 21 days of follow-up
- One County (Grand Bassa) is currently in outbreak(Countdown)
- Weekly sit-reps developed and disseminated to stakeholders

Laboratory

- National Public Health Reference Laboratory continues testing of Lassa fever samples
- A total of 180 Lassa fever cases have been confirmed since this outbreak

Case Management

- **Ribavirin distributed to affected counties**
- One confirmed case discharged from isolation at LAC Hospital (Grand Bassa County)



DIARRHEAL DISEASES



ACUTE BLOODY DIARRRHEA (Suspected Shigellosis)

- **Seven (7) cases were** reported
 - Lofa (3), Nimba (2), Sinoe (1), and Grand Gedeh (1) Counties
- **Four specimens** were collected and pending testing
- **Cumulatively, 19** cases reported since Epi-week 1
 - Sixteen (16) specimens were collected with 10 received at the NRL, 6 specimens tested negative and 1 pending testing

SEVERE ACUTE WATERY DIARRRHEA (Suspected Cholera)

- **Five (5) cases were** reported
 - Lofa (2), Bomi (1), Nimba (1), and Bong (1) Counties
- **Three specimens were** collected and pending testing
- **Cumulatively, 17** cases reported since Epi-week 1
 - Four specimens were collected, 2 received, 1 tested negative and 1 pending



OTHER REPORTABLE DISEASES

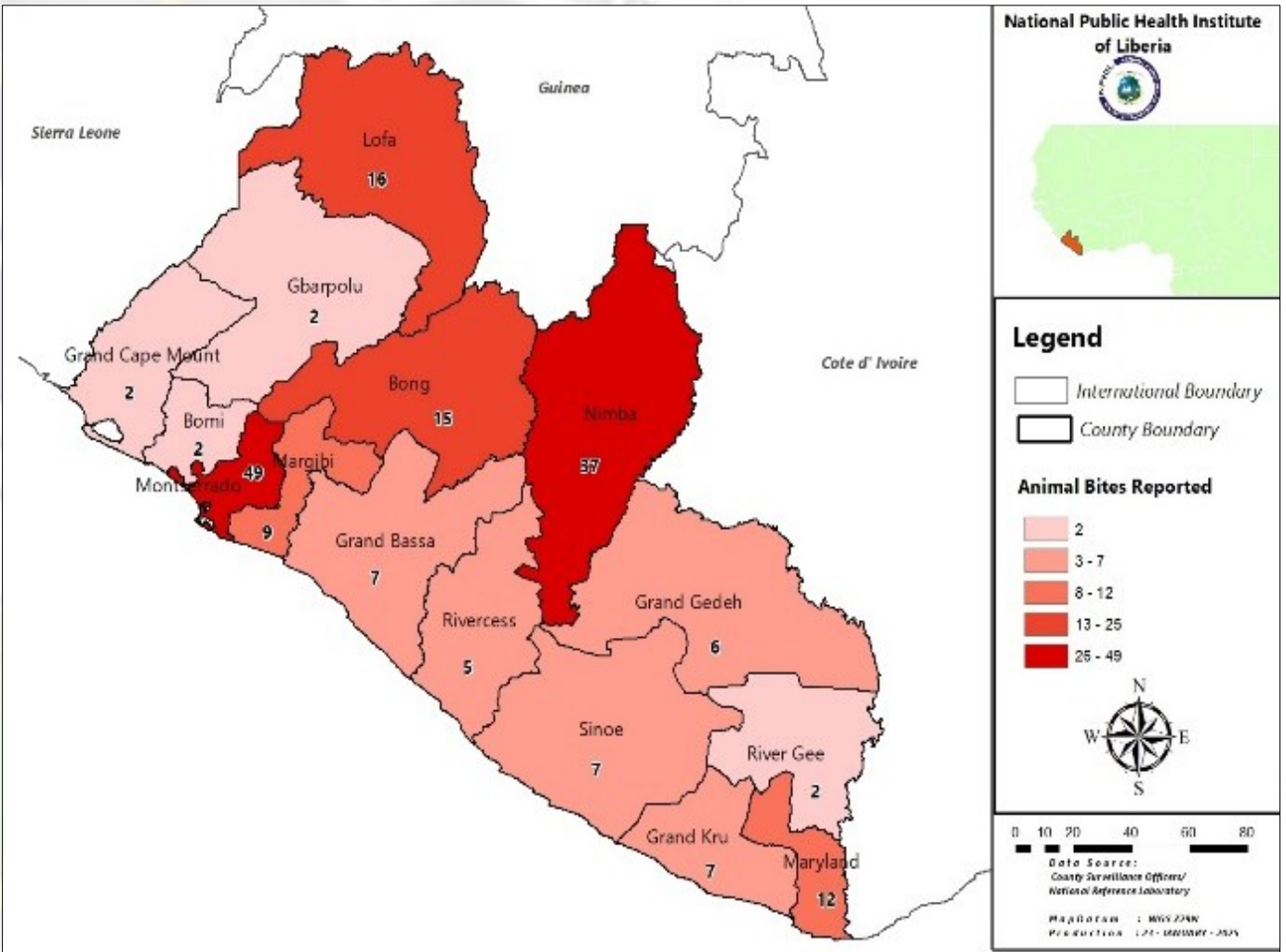


ANIMAL BITE (Human Exposure to Rabies)...1/2

- **Fifty-nine (59) dog bite** cases
 - Montserrado (12), Nimba (9), Maryland (7), Lofa (7), Bong (6), Margibi (4), Sinoe (3), Rivercess (3), Grand Bassa (3), Grand Gedeh (2), Grand Cape Mount (2), and Grand Kru (1) Counties

- **Proportion** of cases investigated
 - 46% (29/59)
 - Cases were clinically managed and discharged

- **Cumulatively, 179 suspected** cases reported



Distribution of Human Exposure to Animal Bites Cases by County, Liberia Epi-week 3, 2025

MPOX...1/5

- **Eight (8) suspected** cases reported
 - Nimba (3), Montserrado (1), Maryland (1), Bomi (1), Grand Bass (1), and Lofa (1) Counties
- **Six specimens** collected and 4 tested ; 1 positive and 3 negatives
 - Proportion of specimens collected: 6/8 (43%)
 - Proportion of specimens tested: 4/6 (67%)
- **Cumulatively**, 27 suspected cases reported since Epi-week 1
 - 25 specimens were collected, with 19 tested negative, 1 positive, and 5 pending testing

MPOX...2/5

Mpox Case Update: Jan 1, 2024 – Jan 19, 2025

Total Suspected

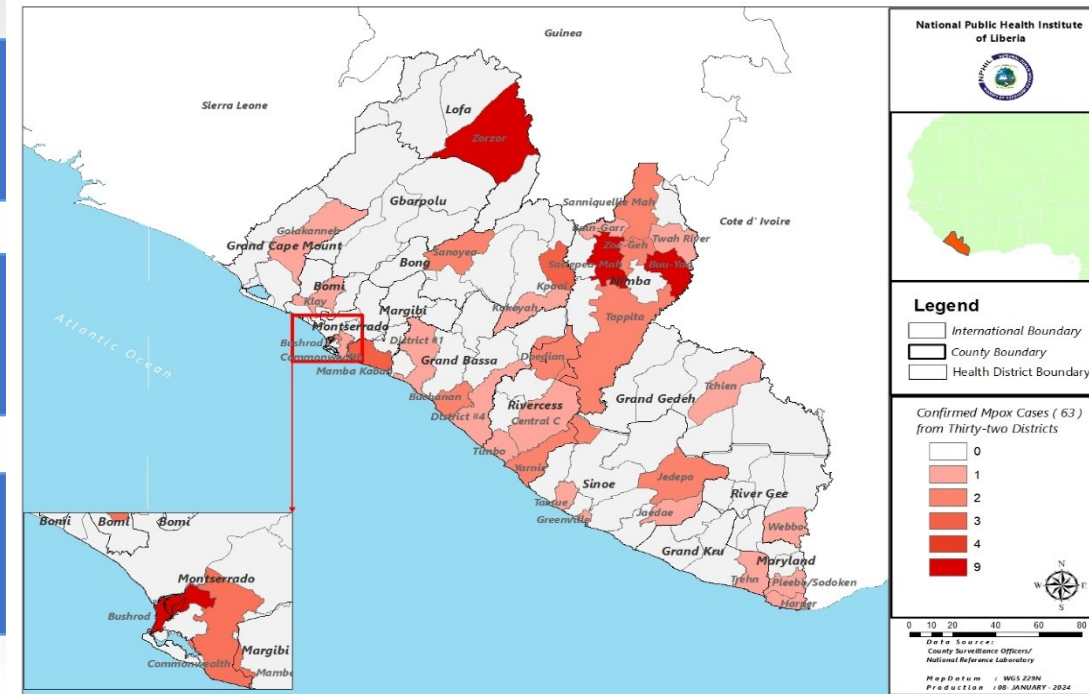
439

Total Tested

378

Total Lab-confirmed

64



Active Cases

1

Recovered Cases

63

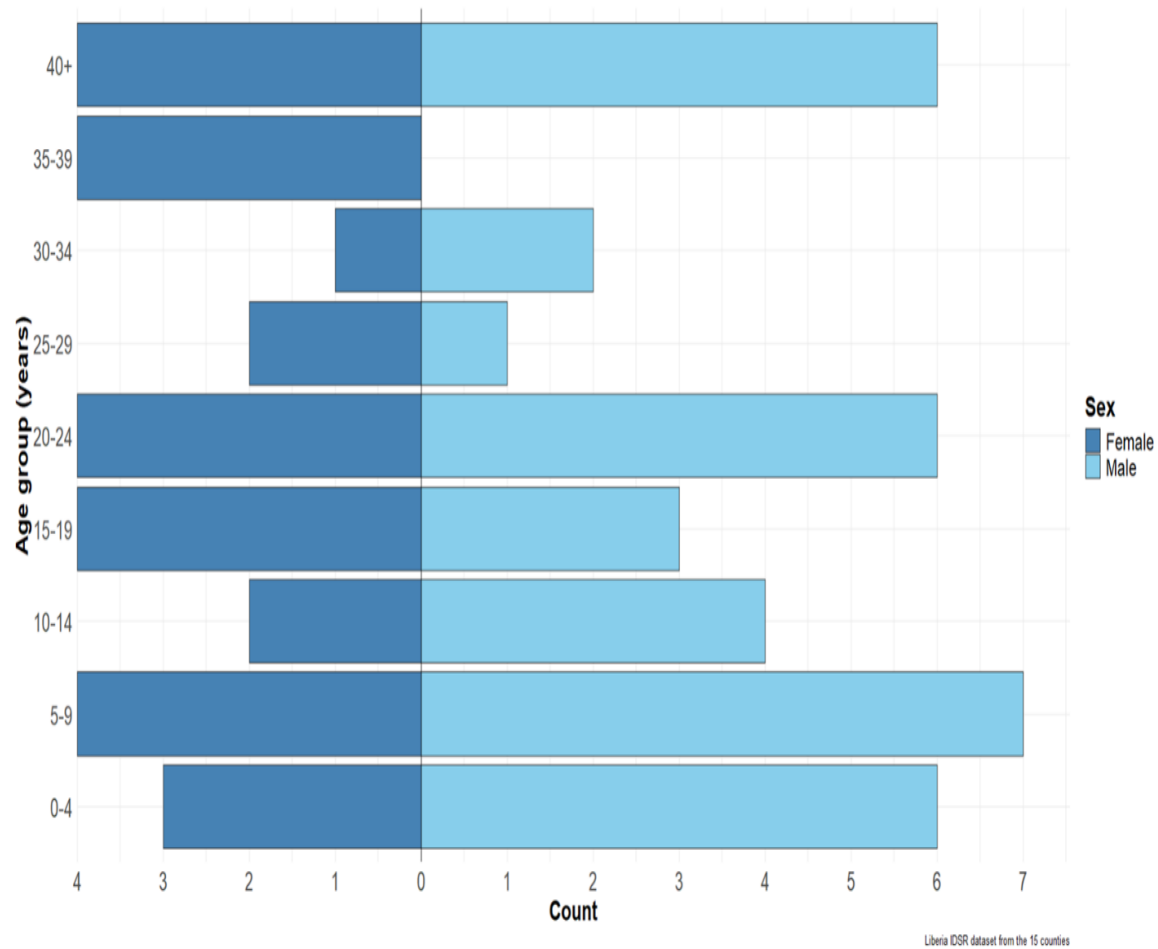
Deaths

0

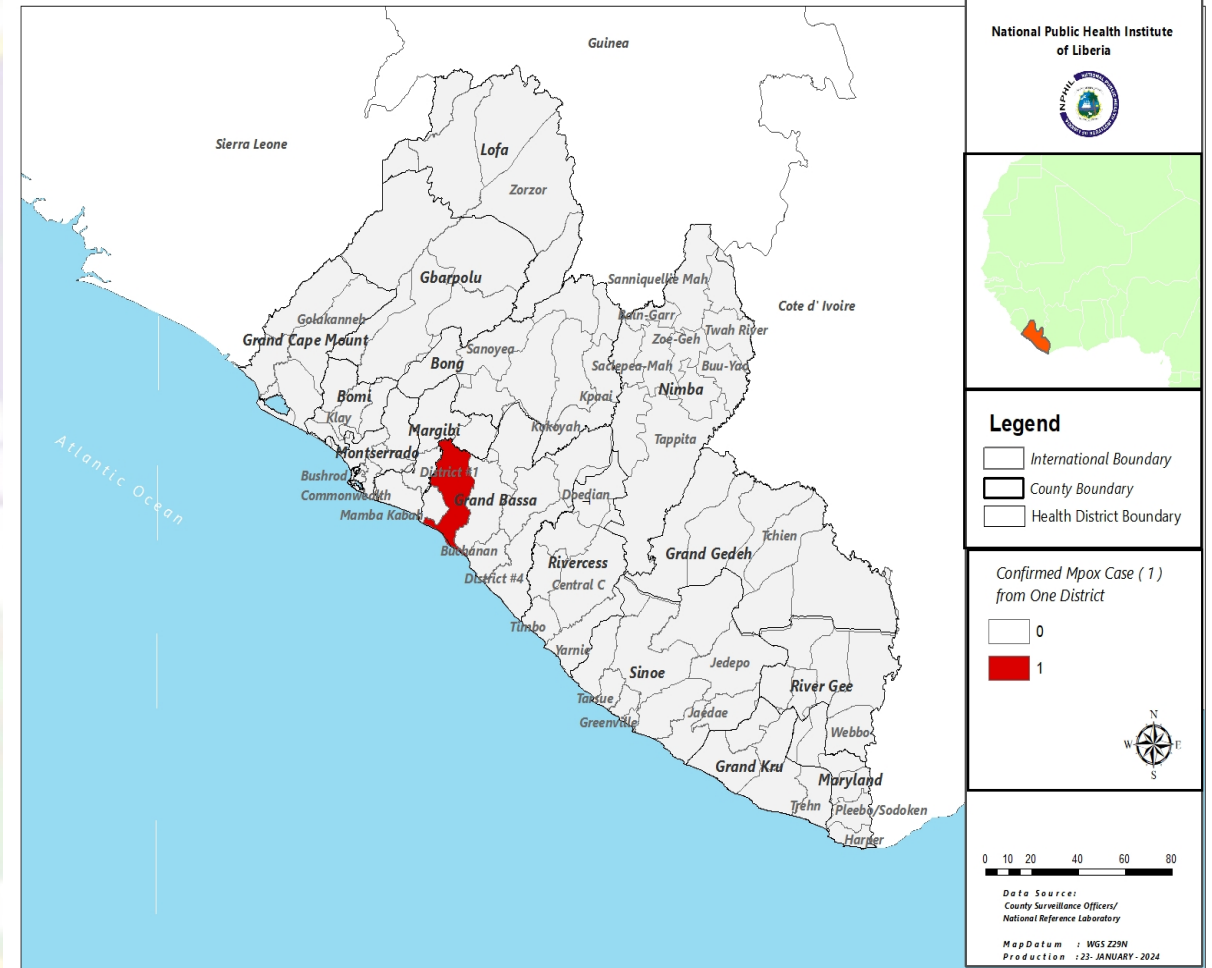
Total confirmed: 64 (Nimba 22, Lofa 7, Bong 6, Rivercess 6, Sinoe 5, Grand Bassa 5, Montserrado 3, Margibi 3, Maryland 2, River Gee 1, Grand Kru 1, Bomi 1, Grand Cape Mount 1, Grand Gedeh 1)

Call 4455 to report suspected cases

MPOX...3/5



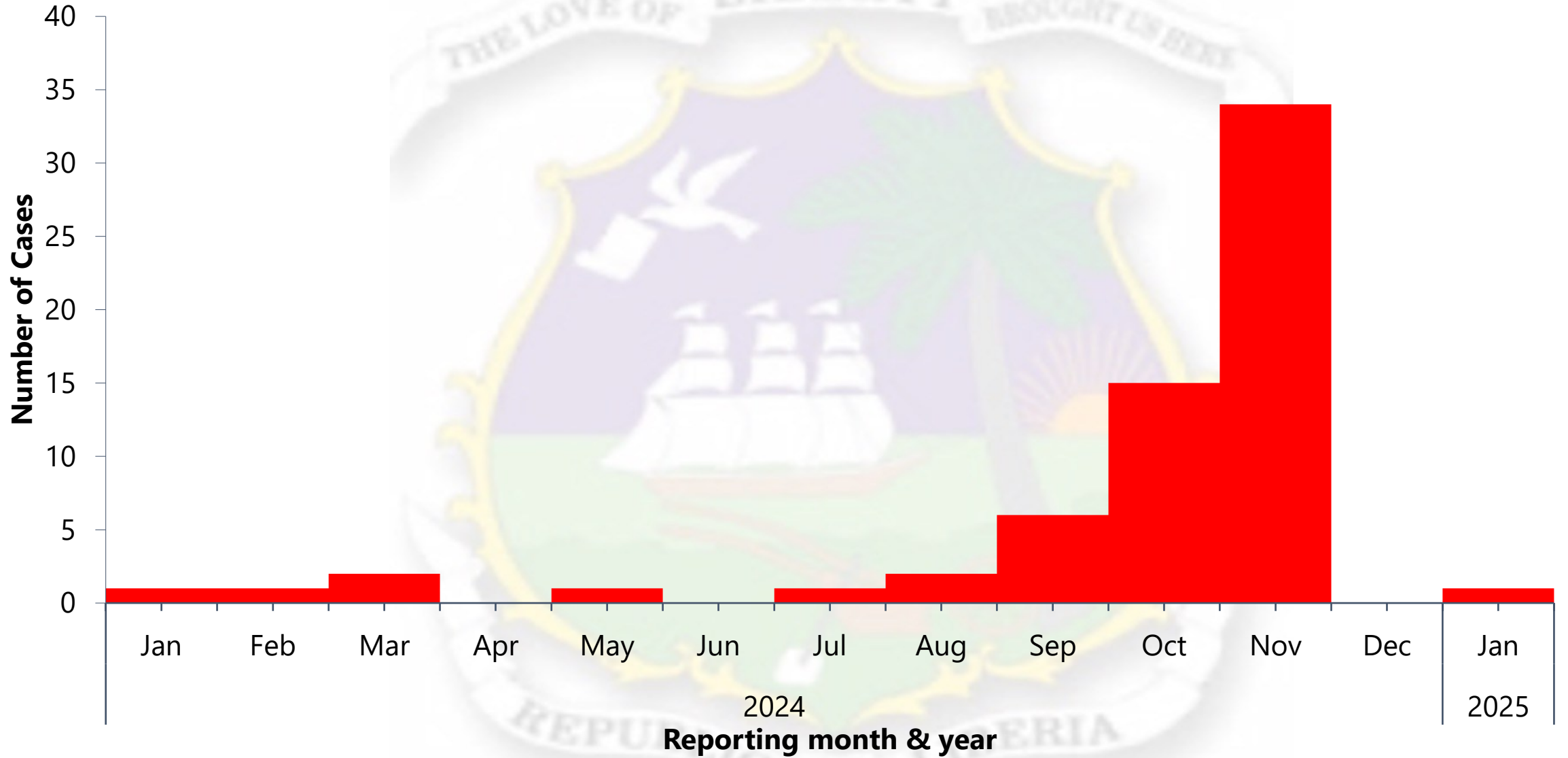
Age and sex distribution of confirmed Mpox Cases Reported, Liberia, Jan 1, 2024 - Jan 19, 2025



Geographical distribution of confirmed Mpox Case Reported, Liberia, Epi week 3, 2025

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MPOX...4/5



Weekly epi-curve of Mpox Lab-confirmed cases detected in Liberia, Jan 1, 2024 - Jan 19, 2025

MPOX...5/5

Public Health Actions

Coordination

- Conduct regular IMS meetings at national and subnational levels in affected counties to direct response efforts
- Production of regular Sitreps and dissemination

Surveillance

- Active media scanning and community case finding continue through EIOS platform
- Continue to follow up with response counties to obtain updates on the status of the Mpox outbreak
- Five (5) contacts line-listed and undergoing 21 days of follow-up

Case management

- Active media scanning and community case finding continue through EIOS platform

Laboratory

- The National Public Health Reference Laboratory continues the testing of Mpox samples

Risk Communication & Community Engagement

- Ongoing community engagement and awareness creation via a radio station in partnership between the RCCE team and affected counties

Next step

- Continue active case search in the affected communities



EVENTS OF PUBLIC HEALTH IMPORTANCE



MATERNAL MORTALITY


- **Two (2) deaths** were reported
 - Nimba and Sinoe Counties
- **Reported causes:**
 - Eclampsia (1) and pending investigation (1)
- **Reporting site:**
 - Health Facility: 2/2 (100%)
- **Cumulatively, 8 deaths** reported
 - Proportion of deaths reviewed (4/8) 50%

NEONATAL MORTALITY


- **Nineteen (19) deaths** reported
 - Montserrado (12), Maryland (3), Margibi (2), Bong (1), and Lofa (1), Counties
- **Reported causes:**
 - Asphyxia (11), Preterm (4), and Sepsis (4)
- **Reporting sites:**
 - Health facility: 18/19 (95%)
- **Cumulatively, 37 deaths** reported
 - Proportion of deaths reviewed (12/36) 33%

ADVERSE EVENTS FOLLOWING IMMUNIZATION (AEFI)

- **Eleven (11) events** were reported
 - Sinoe (4), Grand Gedeh (2), Gbarpolu (2), Maryland (1) Montserrado (1), and Margibi (1) Counties
- All reported cases were categorized as non-serious
- **Related vaccines:**
 - Penta (6), Measles (3), HPV (1), Malaria (1)
- **Cumulatively, 40** events reported since Epi-week 1



BORDER SURVEILLANCE UPDATE



Travelers and IDSR Alerts Detected and Verified at Points of Entry, Liberia, Epi-week 3, 2025

Type of Ports	Point of Entry	Weekly Total	Arrival	Departure	Total travelers with YB	Yellow Book Damage	Card Replaced	Travelers Vaccinated against YF & Issued book	Alerts detected/ Verified
Airport	James S. Paynes	40	13	27	0	0	0	0	0
	Robert Int'l Airport	4728	2307	2421	4672	0	56	7	0
Seaport	Freeport of Monrovia	216	108	108	216	0	0	0	0
	Buchanan Port	130	65	65	130	0	0	0	0
Ground Crossing	Bo Water Side	613	282	331	588	0	16	9	0
	Ganta	103	52	51	77	0	4	5	0
	Yekepa	268	191	77	71	0	0	0	0
	Loguatu	214	97	117	208	0	0	34	0
Total		6,312	3115	3197	5962	0	76	55	0

Note: Yellow book (YB) issue for both arrival and departure; Vaccination coverage for both arrival and departure



PUBLIC HEALTH MEASURES



NATIONAL LEVEL

- Ongoing IMS meeting for coordination and resource mobilization
- Produced and disseminated weekly Epi bulletins and weekly situation reports
 - Lassa fever and Mpox outbreaks
 - Ongoing classification of suspected cases of (Lassa fever, Mpox, AFP, and Measles

COUNTY LEVEL

➤ Surveillance

- Ongoing active case search and investigation for Mpox in affected counties
- Production of situational reports
- Active case search ongoing in affected and surrounding communities
- Awareness on Mpox surveillance ongoing across the 15 counties
- Maternal and new-born death review ongoing in counties

➤ Case Management

- Administration of PEP
- Isolation, management, treatment, and active case search for Lassa fever, and Measles cases are ongoing in affected counties

For comments or questions, please contact

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